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# **Data Download Tool**



## CHAPTER 11 – DATA DOWNLOAD TOOL

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**T**he **Download Tool** is available within the **Data Repository** module. The [Data Repository](#) users can download selected datasets from the **Data Repository** or from the **Query Tool** to their computer. The **Download Tool** is currently available to users in two formats, one that can run locally as a Java **Web Start** application on a user's computer (requires the Java runtime environment) and a **JavaScript** version that will launch within the website.

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### 11.1 MODULE INPUT AND OUTPUT

#### Module Input

- ❖ Data selected through the **Data Repository** and/or the **Query Tool** modules.

#### Module Output

- ❖ Data downloaded to your computer.
- 

### 11.2 RUNNING THE DATA DOWNLOAD TOOL

To run the **Download Tool**:

- ❖ First, **create and populate the Download Queue** with datasets to download.
- ❖ Then, run the **Download Tool** to download the datasets from the **Download Queue**. See **Download Queue** below:

#### 11.2.1 Adding to the Download Queue

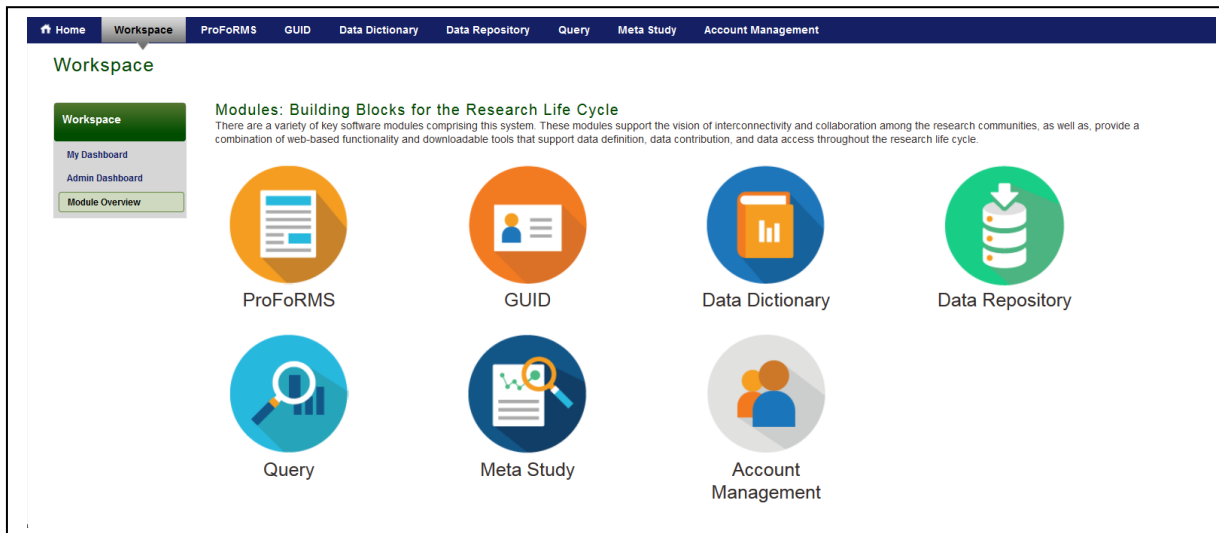
The **Download Queue** is the location where datasets that have been selected to be downloaded are stored until the user downloads the data with the **Download Tool**. Datasets can be added to the **Download Queue** from both the **Data Repository** as well as from the **Query Tool**.

## Steps to Populate the Download Queue

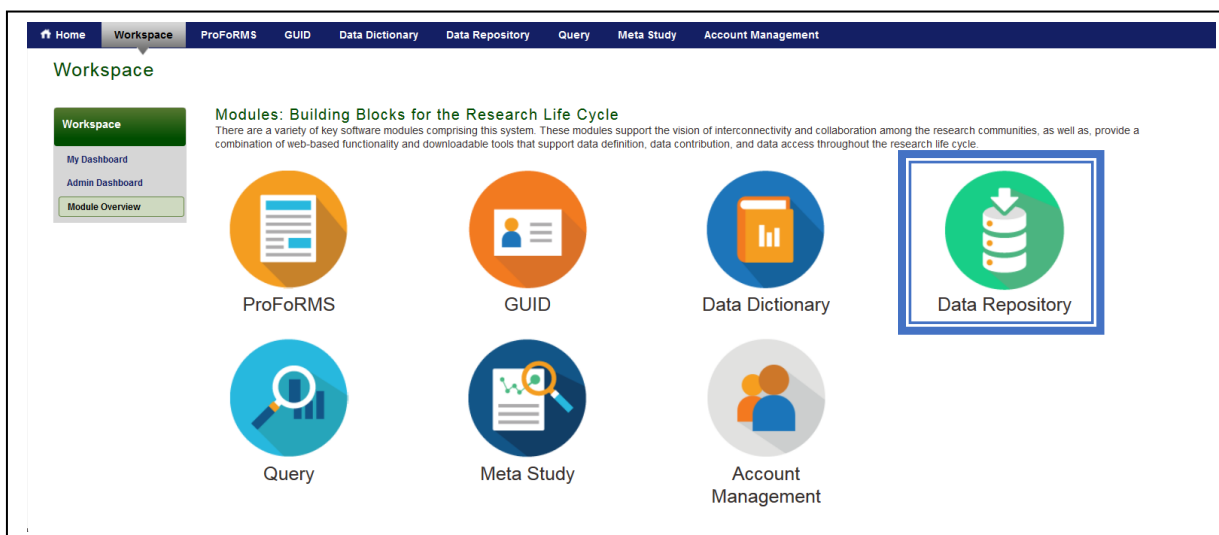
To populate **Download Queue**, perform the following actions:

1. Log into BRICS, and navigate to the Workspace where all the accessible modules are displayed.


**Note:** if the module is greyed out then the user does not have access to the module. Please reach out to the BRICS Operations team for additional information on obtaining permissions to the greyed out modules.



2. For this example, data will be downloaded from the **Data Repository** module. Click on the **Data Repository** module.



- After clicking on the **Data Repository** icon from the workspace, the user will be brought to the studies list. This is where the user can view all the studies that have submitted or are submitting data to the repository.


**Data Repository**

**View Studies**

View Studies lists the studies that the user has permissions to view. The provided filters will allow users to filter the list by ownership, data submission status, and data type. The search capability allows users to search by Study Title, Study ID, Principle Investigator (PI), and by the Permission Type that the user holds for a particular study (Owner, Admin, Read, Write).

Results are shown in a tabular format to include the following:

Ownership: all ▾ | All Studies with Shared Data ▾ | All data types ▾ | All Study Types ▾

Search:


TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE	SHARED DATA
<a href="#">Adding Legacy Clinical Data to the Federal Interagency Traumatic Brain Injury: Citicoline Brain Injury Treatment Trial (COBRIT)</a>	Spaulding Rehabilitation Hospital and Harvard Medical School	FITBIR-STUDY0000240	Ross Zafonte, DO		Owner	NIH-NINDS	Y
<a href="#">Addition of Pediatric TBI Data to FITBIR: Child Health After Injury (CHAI) study</a>	University of Washington	FITBIR-STUDY0000230	Frederick P Rivara, MD, MPH		Admin	NIH-NINDS	Y
<a href="#">An Independent, Prospective, Head to Head Study of the Reliability and Validity of Neurocognitive Test Batteries for the Assessment of Mild Traumatic Brain Injury</a>	Anthrotronix	FITBIR-STUDY0000244	Corinna Lathan		Owner	DoD-MRDC	Y
<a href="#">Automated Comprehensive Evaluation of Mild Traumatic Brain Injury Visual Dysfunction</a>	WOMACK ARMY MEDICAL CENTER	FITBIR-STUDY0000326	Jose E Capo-Aponte		Owner	DoD-MRDC	Y
<a href="#">Biomarkers-Driven Development of Experimental Therapeutics for Traumatic Brain Injury (CNRM)</a>	National Institutes of Health Clinical Center (CC)	FITBIR-STUDY0000272	Jessica Gill		Owner	CNRM	Y
<a href="#">Brain injury and mechanisms of action of hyperbaric oxygen for persistent post-concussive symptoms after mild traumatic brain injury (BIMA)</a>		FITBIR-STUDY0000363	Lindell Weaver, MD		Owner	DoD-Other	Y
<a href="#">CENIC Study 25: Assessment of long term outcome &amp; Disability in Active-duty military Prospectively examined following concussive TBI The ADAPT Study</a>	University of Washington	FITBIR-STUDY0000264	Christine MacDonald, PhD		Admin	DoD-MRDC	Y
<a href="#">Development of normative datasets for assessments used in patients with post concussive symptoms due to mild traumatic brain injury (NORMAL)</a>		FITBIR-STUDY0000364	Lindell Weaver, MD		Owner	DoD-Other	Y
<a href="#">Effect of Aerobic Exercise Training on Cardiorespiratory Function in Patients with TBI (CNRM)</a>	National Institutes of Health Clinical Center	FITBIR-STUDY0000205	Leighton Chan		Owner	CNRM	Y
<a href="#">Effects of Erythropoietin on Cerebral Vascular Dysfunction and Anemia in Traumatic Brain Injury</a>	Baylor College of Medicine	FITBIR-STUDY0000249	Claudia Robertson, MD		Owner	NIH-NINDS	Y
<a href="#">Evaluation of Spot Light: A concussion injury management app for youth</a>		FITBIR-STUDY0000269	Lara McKenzie		Owner	NIH-NICHD	Y
<a href="#">Integrating Traumatic Brain Injury Model Systems Data into the Federal Interagency Traumatic Brain Injury Research Informatics System</a>	Craig Hospital	FITBIR-STUDY0000255	Cynthia Harrison-Felix		Admin	DoD-MRDC	Y
<a href="#">Predictors of PTSD and Post Concussive Syndrome in OIF/OEF Veterans (CNRM)</a>	Uniformed Services University of Health	FITBIR-STUDY0000254	Michael Roy		Admin	CNRM	Y
<a href="#">Progesterone for the Treatment of Traumatic Brain Injury (ProTECT II)</a>	Emory University	FITBIR-STUDY0000248	David Wright		Admin	NIH-NINDS	Y
<a href="#">Trajectory Consensus Study of Pathology Images</a>	Boston University School of Medicine	FITBIR-STUDY0000319	Ann McKee		Owner	NIH-NINDS	Y

Showing 1 to 15 of 20 entries (Filtered from 185 total entries)

First Previous 1 2 Next Last

*Note: Study Administrators have administrative permission for all studies regardless of any permissions they have been granted.*

**Note:** When viewing other parts of the **Data Repository** module, click the menu button that is to the left of the **Data Repository** title in order to open the sub menu within the **Data Repository** then click **Manage Studies** to return to the study list.


**Data Repository**

Manage Studies

View Studies

Submission Tools

MIPAV Imaging Tool

Download Tool

Data Repository Administration

the user has permissions to view. The provided filters will allow users to filter the list by ownership, data submission status, and data type. The search capability allows users to search by Study Title, Study ID, the Permission Type that the user holds for a particular study (Owner, Admin, Read, Write).

Results are shown in a tabular format to include the following:

Ownership: all ▾ | All Studies with Shared Data ▾ | All data types ▾ | All Study Types ▾

Search:

TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE	SHARED DATA
<a href="#">Adding Legacy Clinical Data to the Federal Interagency Traumatic Brain Injury: Citicoline Brain Injury Treatment Trial (COBRIT)</a>	Spaulding Rehabilitation Hospital and Harvard Medical School	FITBIR-STUDY0000240	Ross Zafonte, DO		Owner	NIH-NINDS	Y
<a href="#">Addition of Pediatric TBI Data to FITBIR: Child Health After Injury (CHAI) study</a>	University of Washington	FITBIR-STUDY0000230	Frederick P Rivara, MD, MPH		Admin	NIH-NINDS	Y
<a href="#">An Independent, Prospective, Head to Head Study of the Reliability and Validity of Neurocognitive Test Batteries for the Assessment of Mild Traumatic Brain Injury</a>	Anthrotronix	FITBIR-STUDY0000244	Corinna Lathan		Owner	DoD-MRDC	Y
<a href="#">Automated Comprehensive Evaluation of Mild Traumatic Brain Injury Visual Dysfunction</a>	WOMACK ARMY MEDICAL CENTER	FITBIR-STUDY0000326	Jose E Capo-Aponte		Owner	DoD-MRDC	Y
<a href="#">Biomarkers-Driven Development of Experimental Therapeutics for Traumatic Brain Injury (CNRM)</a>	National Institutes of Health Clinical Center (CC)	FITBIR-STUDY0000272	Jessica Gill		Owner	CNRM	Y
<a href="#">Brain injury and mechanisms of action of hyperbaric oxygen for persistent post-concussive symptoms after mild traumatic brain injury (BIMA)</a>		FITBIR-STUDY0000363	Lindell Weaver, MD		Owner	DoD-Other	Y
<a href="#">CENIC Study 25: Assessment of long term outcome &amp; Disability in Active-duty military Prospectively examined following concussive TBI The ADAPT Study</a>	University of Washington	FITBIR-STUDY0000264	Christine MacDonald, PhD		Admin	DoD-MRDC	Y
<a href="#">Development of normative datasets for assessments used in patients with post concussive symptoms due to mild traumatic brain injury (NORMAL)</a>		FITBIR-STUDY0000364	Lindell Weaver, MD		Owner	DoD-Other	Y
<a href="#">Effect of Aerobic Exercise Training on Cardiorespiratory Function in Patients with TBI (CNRM)</a>	National Institutes of Health Clinical Center	FITBIR-STUDY0000205	Leighton Chan		Owner	CNRM	Y

- In the list of studies that appears, the user can navigate to a study of interest from which they wish to download a dataset(s). If the study of interest does not appear in the study list, the user will need to verify that they have permissions to view that study as well as download data from that study. Contact the Operations team for any additional assistance when using the **Data Repository**.

As a way to quickly determine the type of data within a study, the user can use the “Data Types” column with the three icons. When the icon is colored in, that means the study has that particular type of data. The helix icon refers to genomics data, the stethoscope icon refers to clinical assessment data, and finally the head icon refers to imaging data.

**Note: View Studies** lists the studies that the user has permissions to view. To view the specific permissions to the study, please refer to the “Permission” column.

The provided filters will allow users to filter the study list by ownership, data submission status, data type and study type. The search capability allows users to search by Title, Organization, Study ID, Principal Investigator (PI), Data Type, Permission, Funding Source, Shared Data, Study Keywords, and Study Type.

Ownership: all ▾ All Studies with Shared Data ▾ All data types ▾ All Study Types ▾


Search:

TITLE	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE	SHARED DATA
<a href="#">The Impact of Concussive and Sub-Concussive Blows on Brain Network Activity</a>	University of Michigan	FITBIR-STUDY0000217	Steven Broglio, PhD		Owner	NIH-NINDS	Y
<a href="#">Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI) Pilot</a>	University of California, San Francisco	FITBIR-STUDY0000246	Geoffrey Manley, MD, PhD		Admin	NIH-NINDS	Y
<a href="#">Traumatic Brain Injury Data for FITBIR Informatics system: Maryland MagNeTS Dataset - FMRI TBI Subset</a>	University of Maryland, Baltimore	FITBIR-STUDY0000315	Chandler Sours, PhD		Owner	NIH-NINDS	Y
<a href="#">Traumatic Brain Injury Data for FITBIR Informatics system: Maryland MagNeTS Prospective Dataset</a>	University of Maryland, Baltimore	FITBIR-STUDY0000314	Rao Gullapalli, PhD, MBA		Admin	NIH-NINDS	Y
<a href="#">Traumatic Brain Injury Data for FITBIR Informatics system: Maryland Retrospective Dataset</a>	University of Maryland, Baltimore	FITBIR-STUDY0000313	Rao Gullapalli, PhD, MBA		Admin	NIH-NINDS	Y

Showing 16 to 20 of 20 entries (filtered from 185 total entries)
First Previous 1 2 Next Last

Note: Study Administrators have administrative permission for all studies regardless of any permissions they have been granted.

- When viewing the study profile, navigate to the bottom of the page and click on the **Dataset Submissions** section.


**Data Repository**

[View Studies](#) > Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI) Pilot

**Study: Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI) Pilot**

**Study Overview:**

**Title:** Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI) Pilot

**Study ID:** FITBIR-STUDY0000246

**Study ID Source:** BRICS System Generated

**Study DOI:** [10.23718/FITBIR/1419836](#)

**Study DOI Source:** DataCite

**Visibility:** Public

**Recruitment Status:** Completed

**Study Type:** Natural History

**Study URL:** <https://tracktbi.ucsf.edu/>

**Therapeutic Agents:**

**Therapy Types:**

**Therapeutic Targets:**

**Model Names:**

**Model Types:**

**Abstract:** The global aim of this proposal is to test and refine Common Data Elements (CDEs), neuroimaging standards, and best practices for genomics and proteomics in Traumatic Brain Injury (TBI) studies. Testing and validating of TBI-CDEs will be performed in a multi-center prospective observational study with 3 TBI Centers (San Francisco General Hospital (SFGH), University of Pittsburgh Medical Center (UPMC), University Medical Center Brackenridge (UMCB) and a TBI Rehabilitation Center (Mount Sinai Rehabilitation Center (MSMC)). The investigators will create and expand existing data repositories for patient demographics, neuroimaging, plasma biomarkers, genetics, and multivariate outcomes thereby providing researchers and clinicians with the infrastructure to establish multidisciplinary, multicenter research networks and improve clinical research in the TBI field. Grant ## NS069409\_01, NS069409\_02.

**Study Aims:** The global aim of this proposal is to test and refine Common Data Elements (CDEs), neuroimaging standards, and best practices for genomics and proteomics in Traumatic Brain Injury (TBI) studies.

**Clinical Trial ID(s):** [NCT01566551](#)

**Grant/Project ID(s):** [1RC2NS069409-01](#) [3RC2NS069409-02S1](#) [5RC2NS069409-02](#)

**Start Date:** 2009-09-30

**End Date:** 2013-08-31

**Duration:** 1431 days

**Primary Funding Source:** NIH-NINDS

**Estimated Number of Subjects:** 599

**Study Research Management:**

Search:

TITLE	FULL NAME	E-MAIL	ORGANIZATION
Primary Principal Investigator	Geoffrey Manley, MD, PhD	<a href="mailto:manleyg@neurosurg.ucsf.edu">manleyg@neurosurg.ucsf.edu</a>	University of California, San Francisco
Data Manager	Mary Vassar, RN, MS	<a href="mailto:Mary.Vassar@ucsf.edu">Mary.Vassar@ucsf.edu</a>	University of California, San Francisco

Showing 1 to 2 of 2 entries

First
Previous
1
Next
Last

**Study Site:**

Search:

SITE NAME	ADDRESS	CITY	STATE	COUNTRY	PHONE NUMBER
University of California, San Francisco (Primary)	Dept of Neurological Surgery, 1001 Potrero Avenue, Bldg. 1, Room 101	San Francisco	CA	United States of America	
University of Pittsburgh Medical Center (UPMC)		Pittsburgh	PA	United States of America	
University of Texas Health Science Center at Houston		Houston	TX	United States of America	

Showing 1 to 3 of 3 entries

First
Previous
1
Next
Last

+ Supporting Documentation

+ Administrative Files

+ Dataset Submissions

+ Data Access Report

CLOSE

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6. The list of datasets submitted to the study appears.

**Note:** In order to view and download datasets from a selected study, the user must have the appropriate permissions. Contact the Operations Team for questions on account permissions. Select the Dataset of interest to download by clicking on its name.

- Dataset Submissions						
Show shared & private ▾		Search: ▾				
DATASET ID	NAME	SUBMISSION DATE	TYPE	STATUS	# OF REC	
FITBIR-DATA0006293	<a href="#">Baseline Demographics</a>	2019-06-06 16:27	Clinical Assessment	Shared	599	
FITBIR-DATA0000833	<a href="#">Baseline Injury History</a>	2015-06-11 14:35	Clinical Assessment	Shared	599	
FITBIR-DATA0000832	<a href="#">Outcome FIM</a>	2015-06-09 14:58	Clinical Assessment	Shared	1188	
FITBIR-DATA0000815	<a href="#">Rivermead</a>	2015-05-07 15:18	Clinical Assessment	Shared	1185	
FITBIR-DATA0000712	<a href="#">Outcome GOS-E</a>	2015-03-27 14:34	Clinical Assessment	Shared	1144	
FITBIR-DATA0000664	<a href="#">Outcome Rivermead</a>	2015-03-04 15:17	Clinical Assessment	Shared	1185	
FITBIR-DATA0000635	<a href="#">TRACK TBI Pilot - Diffusion Data - SF Site 2</a>	2015-02-23 09:32	Imaging	Shared	3	
FITBIR-DATA0000616	<a href="#">TRACK TBI Pilot - Diffusion data - PI Site 2</a>	2015-02-18 14:31	Imaging	Shared	1	
FITBIR-DATA0000609	<a href="#">TRACK TBI Pilot - MR data - PI site</a>	2015-02-06 15:51	Imaging	Shared	434	
FITBIR-DATA0000600	<a href="#">Outcome SWL Scale</a>	2015-01-30 10:13	Clinical Assessment	Shared	1190	
FITBIR-DATA0000587	<a href="#">TRACK TBI Pilot - Diffusion data - SF Site</a>	2015-01-13 09:23	Imaging	Shared	174	
FITBIR-DATA0000586	<a href="#">TRACK TBI Pilot - Diffusion data - PI Site</a>	2015-01-13 09:00	Imaging	Shared	66	
FITBIR-DATA0000585	<a href="#">TRACK TBI Pilot - Diffusion data - BR Site</a>	2015-01-12 16:52	Imaging	Shared	35	
FITBIR-DATA0000504	<a href="#">Outcome GOS-E Pediatric</a>	2014-10-23 13:04	Clinical Assessment	Shared	46	
FITBIR-DATA0000500	<a href="#">TRACK TBI Pilot - CT data - SF site</a>	2014-10-16 15:41	Imaging	Shared	1828	

Showing 1 to 15 of 35 entries (filtered from 37 total entries)

First Previous **1** 2 3 Next Last

- A pop-up window opens with information regarding the dataset. Note the green **Add to Download Queue** button in the upper right corner. This is only visible if the user has access to download this data.

### Dataset Information

Dataset ID: FITBIR-DATA0006293  
Name: Baseline Demographics  
Submission Date: 2019-06-06  
Submitted By: Zaman, Rakib  
Submitted Data:

Search:

DATA	CONTAINS QUERYABLE DATA?
dataFile-1559852767631.xml	No
DemogrFITBIRSubject CORRECTED 2019.csv	Yes

Showing 1 to 2 of 2 entries

First Previous **1** Next Last

Submitted Form Structures:

Search:

FORM STRUCTURE
DemogrFITBIR

Showing 1 to 1 of 1 entries

First Previous **1** Next Last

ADD TO DOWNLOAD QUEUE

- Click the **Add to Download Queue** button to add the dataset to the **Download Queue**. The **Add to Download Queue** button changes to the **Added to Download Queue** status message and the selected dataset will appear in the **Download Queue** list within the **Download Tool**.

### Dataset Information

Dataset ID: FITBIR-DATA0006293  
Name: Baseline Demographics  
Submission Date: 2019-06-06  
Submitted By: Zaman, Rakib  
Submitted Data:

Search:

DATA	CONTAINS QUERYABLE DATA?
dataFile-1559852767631.xml	No
DemogrFITBIRSubject CORRECTED 2019.csv	Yes

Showing 1 to 2 of 2 entries

First Previous **1** Next Last

Submitted Form Structures:

Search:

FORM STRUCTURE
DemogrFITBIR

Showing 1 to 1 of 1 entries

First Previous **1** Next Last

Added to Download Queue

9. After the dataset has been added to the **Download Queue**, an auto generated email will be sent to the user to notify them that the dataset is ready for download.

Dear Name, User,

Your Apr 14, 2020, 5:18:44 PM, request for Dataset: Baseline Demographics \_246 is now available in the Download Manager. If you have any questions, please email or call the Operations team.

Thanks,

The FITBIR Operations team

10. To download the dataset(s) from the download queue to the computer, run the **Download Tool**.

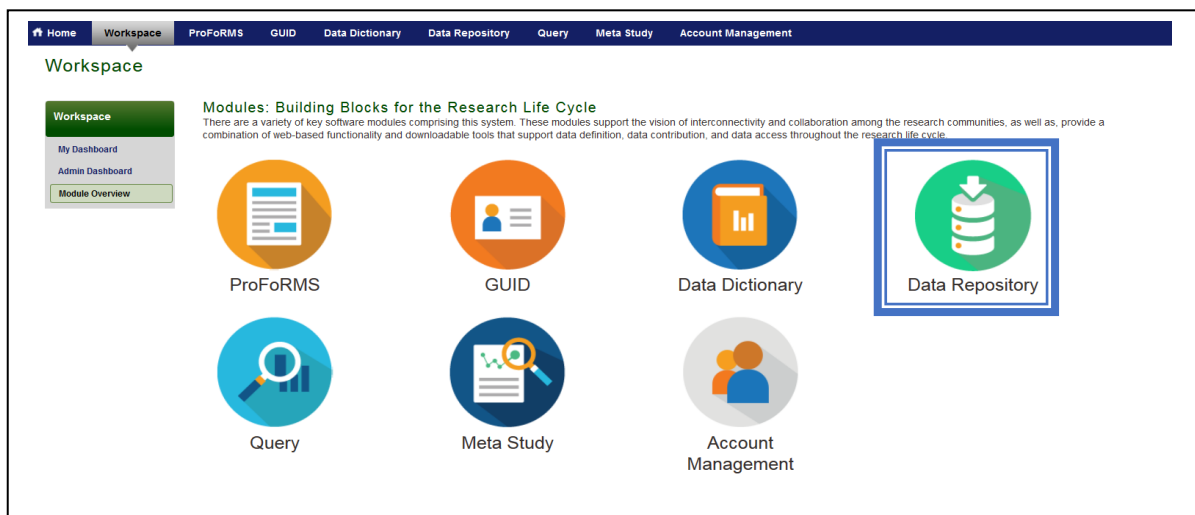
### 11.2.2 Running the Download Tool

Now that the desired dataset(s) have been placed in the **Download Queue**, the next step in the download process is to run the **Download Tool**. There are two methods to using the **Download Tool**. The first version is the Java **Web Start** application that launches locally on the user's machine. This version of the **Download Tool** requires the most recent version of [Java Runtime Environment \(JRE\)](#) to be installed on the user's machine. Along with the **Web Start** version, there is also the **JavaScript Download Tool** that can be used within the BRICS website. Both methods will be covered in this section.

#### 11.2.2A Using the Java Web Start Download Tool

To launch the **Download Tool**, Perform the following actions:

1. Navigate to the Workspace and click on **Data Repository**.



## 2. Click on the side Menu next to the **Data Repository** title then click on the **Download Tool**.

**Data Repository**  
**Manage Studies**  
**View Studies**  
Create Study  
**Submission Tools**  
MIPAV Imaging Tool  
**Download Tool**  
Data Repository Administration

the user has permissions to view. The provided filters will allow users to filter the list by ownership, data submission status, and data type. The search capability allows users to search by Study Title, Study ID, the Permission Type that the user holds for a particular study (Owner, Admin, Read, Write).

format to include the following:

es with Shared Data | All data types | All Study Types

Search:

	ORGANIZATION	STUDY ID	PI	DATA TYPES	PERMISSION	FUNDING SOURCE	SHARED DATA
<a href="#">the Federal Interagency Traumatic Brain Injury, Citicoline (FBTIT)</a>	Spaulding Rehabilitation Hospital and Harvard Medical School	FITBIR-STUDY0000240	Ross Zafonte, DO		Owner	NIH-NINDS	Y
<a href="#">FITBIR Child Health After Injury (CHA) study</a>	University of Washington	FITBIR-STUDY0000230	Frederick P Rivara, MD, MPH		Admin	NIH-NINDS	Y
<a href="#">An Independent, Prospective, Head to Head Study of the Reliability and Validity of Neurocognitive Test Batteries for the Assessment of Mild Traumatic Brain Injury</a>	Anthrotronix	FITBIR-STUDY0000244	Corinna Lathan		Owner	DoD-MRDC	Y
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<a href="#">Biomarkers-Driven Development of Experimental Therapeutics for Traumatic Brain Injury (CNRM)</a>	National Institutes of Health Clinical Center (CC)	FITBIR-STUDY0000272	Jessica Gill		Owner	CNRM	Y
<a href="#">Brain injury and mechanisms of action of hyperbaric oxygen for persistent post-concussive symptoms after mild traumatic brain injury (BIMA)</a>		FITBIR-STUDY0000363	Lindell Weaver, MD		Owner	DoD-Other	Y
<a href="#">CEMC Study 25: Assessment of long term outcome &amp; Disability in Active-duty military Prospectively examined following concussive TBI The ADAPT Study</a>	University of Washington	FITBIR-STUDY0000264	Christine MacDonald, PhD		Admin	DoD-MRDC	Y
<a href="#">Development of normative datasets for assessments used in patients with post concussive symptoms due to mild traumatic brain injury (NORMAL)</a>		FITBIR-STUDY0000364	Lindell Weaver, MD		Owner	DoD-Other	Y
<a href="#">Effect of Aerobic Exercise Training on Cardiorespiratory Function in Patients with TBI (CNRM)</a>	National Institutes of Health Clinical Center	FITBIR-STUDY0000205	Leighton Chan		Owner	CNRM	Y

## 3. Currently the **Download Tool** page has two options for accessing the **Download Tool**. The first option is the **Web Start** application, which launches the **Download Tool** locally on the user's computer. The second option, is the **JavaScript** application which is a new version of the tool that launches the **Download Tool** within the browser.

### Download Data

The Download Tool provides the capability to export packages (single or multiple datasets) from the system. Users may download selected packages from the repository to their own system using either (1) the existing WebStart application, which requires Java runtime environment (version 7-8 only) or (2) the beta JavaScript, browser based version of the tool. Note: Any Java version higher than 8 is not compatible with the Web Start application.

**WEB START APPLICATION**

Existing application that requires installation and a user having Java runtime environment (versions 7-8) on their machine. Java Web Start allows Java applications to be transferred over the internet and started without a browser.

**Version Overview:**

- Allows for multiple package downloads
- Allows for system defined folder structure(s) for dataset organization
- Requires Java Runtime Environment
- Note: If you do not have Java Runtime Environment (version 8) installed, you can use the OpenJDK version. Please reach out to a member of your Operations Support Team for instructions on how to perform this.

**Beta Version** **JAVASCRIPT APPLICATION**

Beta version of the application that allows downloads to be performed directly from your web browser. At this time, the beta version is meant for smaller data packages and packages without attachments.

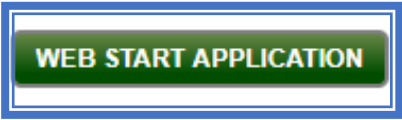
**Version Overview:**

- No software installation is required
- Allows downloading a single package at a time
- Does not create a system defined folder structure(s) for dataset organization
- User should define the default download location within the browser settings. If not defined, depending on your browser, files may be downloaded to a default "Download" folder on your machine or default to your Desktop.

### 11.2.2B Using the Java Web Start Download Tool

1. First focus will be the **Web Start** version of the **Download Tool**.

**Note:** User will need to have Java runtime environment (versions 7-8) installed on their computer.



#### WEB START APPLICATION

Existing application that requires installation and a user having Java runtime environment (versions 7-8) on their machine. Java Web Start allows Java applications to be transferred over the internet and started without a browser.

#### Version Overview:

- Allows for multiple package downloads
- Allows for system defined folder structure(s) for dataset organization
- Requires Java Runtime Environment
- Note: If you do not have Java Runtime Environment (version 8) installed, you can use the OpenJDK version. Please reach out to a member of your Operations Support Team for instructions on how to perform this.

2. After clicking on the **Web Start Application** button, the user will be brought to the webpage that provides instructions and a link to the **Web Start Application**. Click the **Launch Download Tool** button to start the process of opening the **Web Start** tool.

#### Download Tool - Java Web Start Application

If you do not have Java Runtime Environment (version 7-8) installed, you can use the OpenJDK version. Please reach out to a member of your Operations Support Team for instructions on how to perform this.

[Documentation: Download Tool](#)

#### Steps to Run the Download Tool:

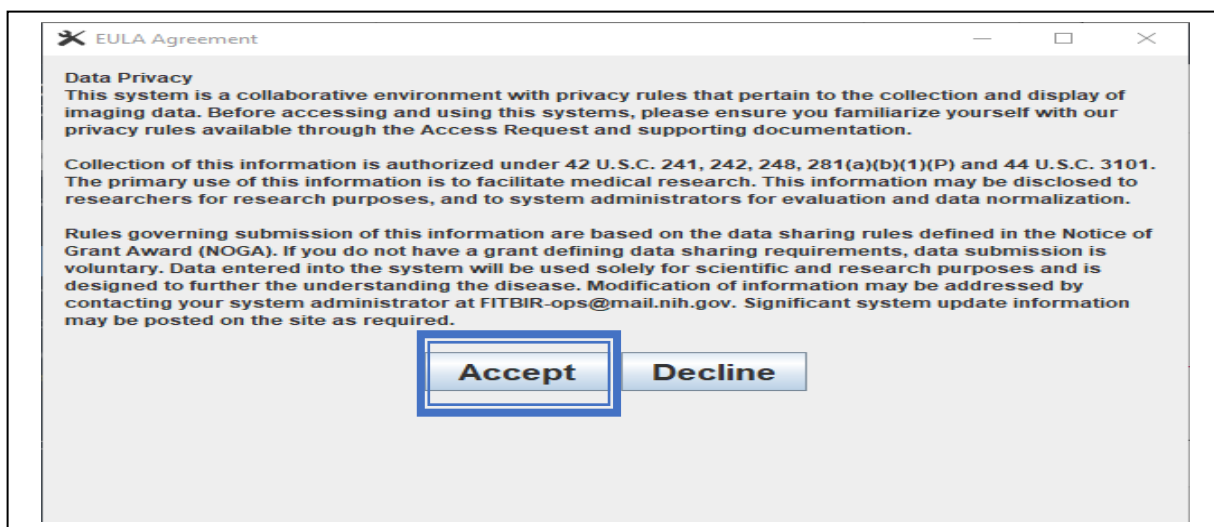
1. Click Launch Download Tool
2. Select Download Location
  - Click the Browser Button
  - Navigate to the location on your computer of the working directory where you want the file to be downloaded. Select the folder, and then click Open
3. Select the files you want to download by clicking the check box next to the file name
4. Click Start Download
  - Note: Screen will update as file(s) are being downloaded. If Download is successful, the Status will be designated as Completed
5. This allows immediate access to data you have downloaded

Warning: Files older than 30 days will automatically get deleted for security and performance reason. It is recommended that you save your queries in the Query Tool and ensure data-sets are frequently downloaded.

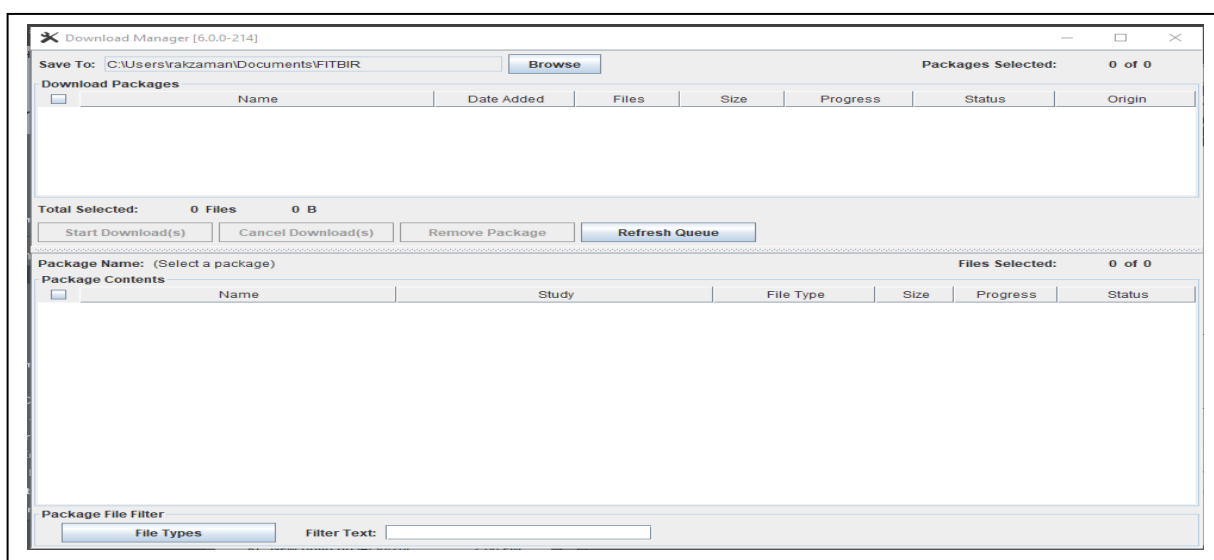


#### LAUNCH DOWNLOAD TOOL

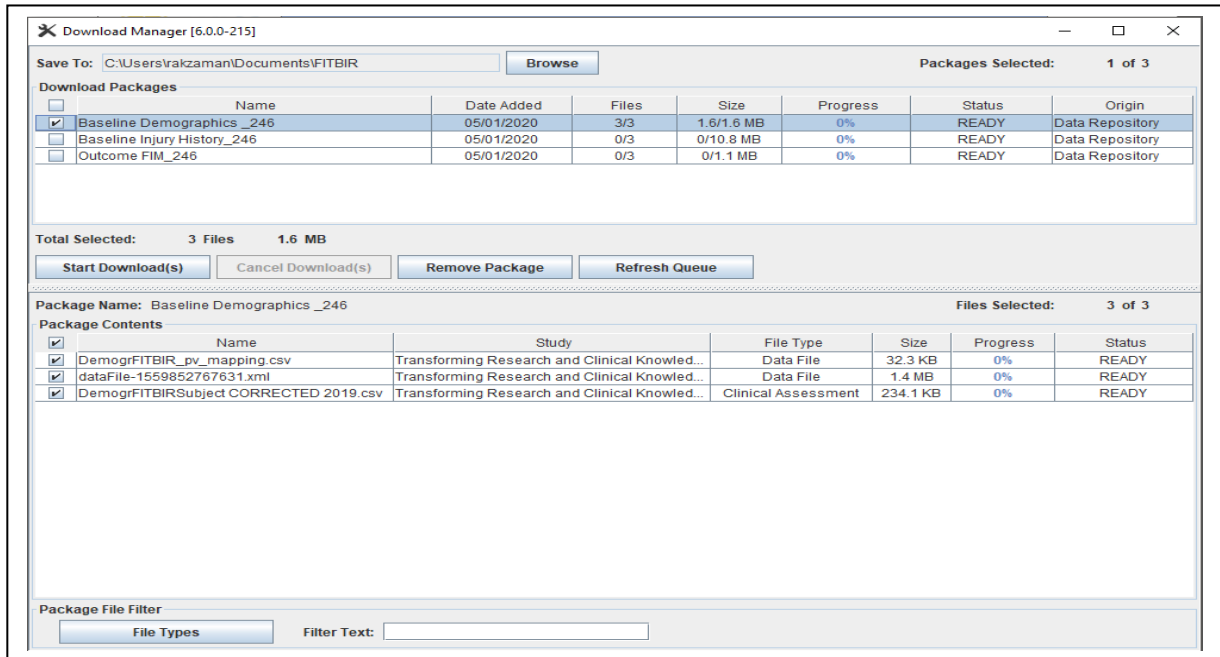
3. Once you open the JNLP file for the **Web Start** tool, you will first have to complete the EULA Agreement on Data Privacy, then proceed to the tool.



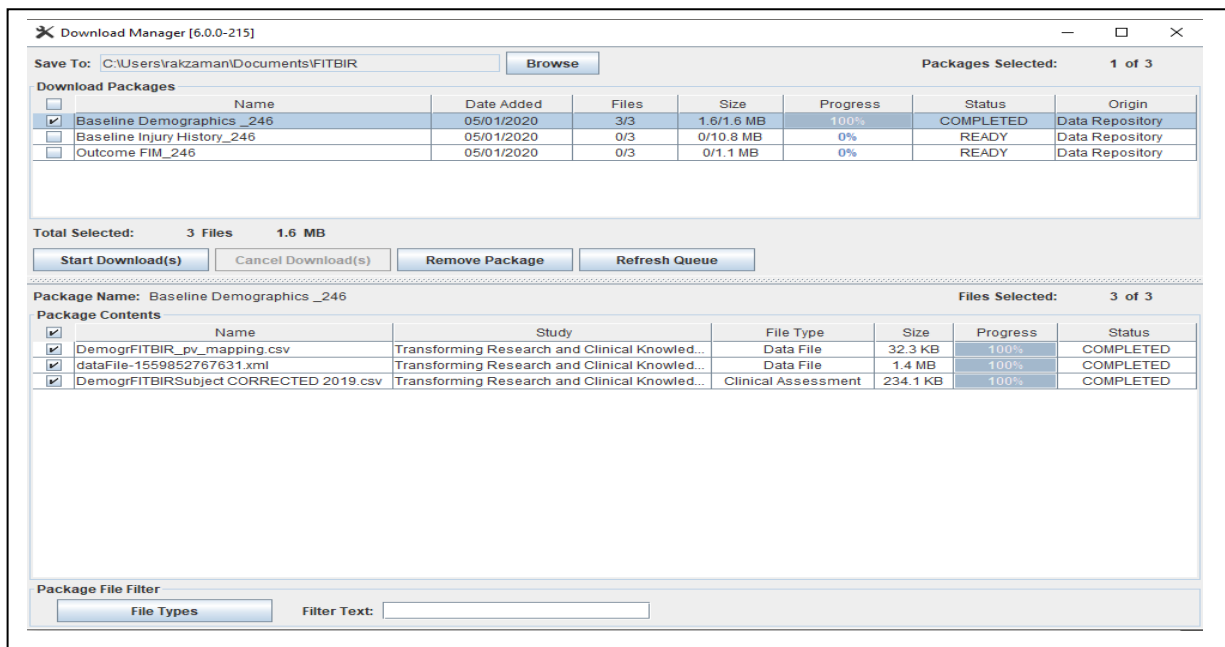
4. After passing the EULA agreement, the **Web Start Download Tool** will open. The application is divided into two sections, the **Download Packages** section will show the **download packages** while the bottom table will show the contents of the package. The top section has a few important functions such as the **Save to** section, which will allow the user to pick the location on their computer that they want to save the **download package**. The main function buttons are also found in the top section, such as starting the download, cancelling the download, removing a **download package** that is no longer needed, and refreshing the queue when a new **download package** is ready for download. The **Package Contents** table has functions to filter the contents of the **download package**, such as picking specific file types or searching with the text box.



- The download package will appear in the **Download Packages** section once it is ready, or the user can press the **Refresh Queue** button if the package becomes ready to download after opening the **Download Tool**. Click on the check box next to the **Download Package** in order to see the contents of the package in the **Package Contents** section. Users can select multiple **download packages**. Users also have the ability to deselect items within the package contents for additional control. After all selections are made, press the **Start Download(s)** button.



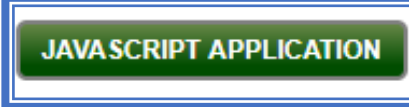
- Once the download starts, the user will be able to see the progress of the download in the **Progress** column of the first table as well as the individual files within the package within the second table. The user will receive a message in a new window once the download is complete. Users have the option to clear the **download package** from the queue or keep it in the queue, however packages that have been in the queue for more than 30 days will be deleted.



### 11.2.2C Using the JavaScript Download Tool

- Now that the **Web Start** version has been reviewed, next focus will be the **JavaScript** version. Click on the **JavaScript Application** button.

**Beta Version**



Beta version of the application that allows downloads to be performed directly from your web browser. At this time, the beta version is meant for smaller data packages and packages without attachments.

**Version Overview:**

- No software installation is required
- Allows downloading a single package at a time
- Does not create a system defined folder structure(s) for dataset organization
- User should define the default download location within the browser settings. If not defined, depending on your browser, files may be downloaded to a default "Download" folder on your machine or default to your Desktop.

- This will open a new page that provides steps to using the **JavaScript** version, such as how to select data to download and how to change download settings with various internet browsers. At the bottom will be the Data Privacy agreement, press **Accept** button to continue to the **Download Tool**.

### Download Tool - JavaScript Application

[Documentation](#) [Download Tool](#)

#### Steps to populate Download Queue

- Select a Package to Download in the Download Packages table. **Note:** You can send multiple packages to the Download Packages queue. Although there may be multiple packages in your queue, you can only download one package at a time.
- Select a Package in the Package Contents table to download
  - The default download location is defined by the browser you are using and will be downloaded to your Desktop or Downloads (\\Users\\<username>\\Downloads) folder. You can choose a location on your computer where downloads should be saved by defining a specific destination in your browser settings. A separate folder should be created for each download package. Please click one of the following for specific instructions on how to change your browser download settings:
    - [Google Chrome](#)
    - [Mozilla Firefox](#)
    - [Safari](#)
    - [Microsoft Edge](#)
    - [Internet Explorer\\*](#)

**Note:** Although compatible with Internet Explorer, it is recommended that you use a different web browser that conforms with current web standards to optimize the download tool experience
- After selecting a Package and defining a download location, Click Download
  - Note:** The page and table will update as file(s) are being downloaded. If the Download is successful, the Status will be designated as Completed.
- If you have more than one Package in your Download Packages queue, repeat steps 1-3

**Warning:** Files older than 30 days will automatically get deleted for security and performance reason. It is recommended that you save your queries in the Query Tool and ensure data-sets are frequently downloaded.

**Data Privacy**  
This system is a collaborative environment with privacy rules that pertain to the collection and display of imaging data. Before accessing and using this systems, please ensure you familiarize yourself with our privacy rules available through the Access Request and supporting documentation.

Collection of this information is authorized under 42 U.S.C. 241, 242, 248, 281(a)(b)(1)(P) and 44 U.S.C. 3101. The primary use of this information is to facilitate medical research. This information may be disclosed to researchers for research purposes, and to system administrators for evaluation and data normalization.

Rules governing submission of this information are based on the data sharing rules defined in the Notice of Grant Award (NOGA). If you do not have a grant defining data sharing requirements, data submission is voluntary. Data entered into the system will be used solely for scientific and research purposes and is designed to further the understanding of the disease. Modification of information may be addressed by contacting your system administrator at FITBIR-ops@mail.nih.gov. Significant system update information may be posted on the site as required.

ACCEPT

Decline

- After pressing the **Accept** button, the **JavaScript Download Tool** will appear. The top section titled **Download Package** will consist of all the datasets that have been sent to the **Download Queue**. The bottom section titled **Package Contents** will show the files associated to the dataset that is selected in the top section.

**Note:** Like the existing **Web Start** version, the **JavaScript** version has the same functions such as **Remove Package**, **Refresh Queue**, filtering, and text search.

### Download Packages

Remove Package(s)

Refresh Queue

Search:

Name	Date Added	Files	Size	Origin
No data available in table				

Showing 0 to 0 of 0 entries (0 row selected of 0)

First Previous Next Last

### Package Contents

File Types

Search:

	Name	Study	File Type	Size	Status
No data available in table					

Showing 0 to 0 of 0 entries (0 row selected of 0)

First Previous Next Last

DOWNLOAD

0 B

4. Datasets in the download queue that are ready for download will appear in the top **Download Packages** section. If there are multiple datasets ready for download, all of them will appear in the **Download Packages** section however, only one can be selected at a time for download. Once a package is selected the **Package Contents** table will be populated with the files within that package. The user will have the ability to deselect or filter the contents of package in order to condense the download to specific files. After the desired package and contents have been chosen, press the **Download** button.

**Note:** When using the **JavaScript** version of the **Download Tool**, the downloaded files will be sent to the user's download folder on their computer or to the location set in the browser's settings.

Download Packages

Remove Package(s)

Refresh Queue

Search:

	Name	Date Added	Files	Size	Origin
<input type="radio"/>	Outcome FIM_246	2020-04-08	0/3	1.14 MB	Dataset
<input checked="" type="radio"/>	Baseline Demographics_246	2020-04-08	3/3	1.65 MB	Dataset
<input type="radio"/>	Baseline Injury History_246	2020-04-08	0/3	10.82 MB	Dataset

Showing 1 to 3 of 3 entries (1 row selected of 3)

First Previous 1 Next Last

Package Contents

File Types

Search:

	Name	Study	File Type	Size	Status
<input checked="" type="checkbox"/>	dataFile-1559852767631.xml	Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI) Pilot	Data File	1.39 MB	READY
<input checked="" type="checkbox"/>	DemogrFITBIR_pv_mapping.csv	Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI) Pilot	Data File	32.31 KB	READY
<input checked="" type="checkbox"/>	DemogrFITBIRSubject CORRECTED 2019.csv	Transforming Research and Clinical Knowledge in Traumatic Brain Injury (TRACK-TBI) Pilot	Clinical Assessment	234.05 KB	READY

Showing 1 to 3 of 3 entries (3 rows selected of 3)

First Previous 1 Next Last

DOWNLOAD


1.65 MB

## 11.3 BEST PRACTICES WHEN USING THE DOWNLOAD TOOL

- ❖ When downloading multiple Datasets or a Dataset that consists of multiple files, it is recommended to use the **Web Start** version of the Download Tool.
- ❖ Datasets in the **Download Queue** will stay there up to 30 days, then will be removed. If the user would like to retain their query for more than 30 days, it is best to save the query in the **Query Tool** module.
- ❖ To maintain a clean **Download Queue**, it is recommended that users remove datasets from the **Download Queue** after the user is done with that dataset. User can do this by pressing the **Remove Package** button or the **Clear Completed Downloads** button after downloading the data.
- ❖ To stop download(s), use the **Cancel Download** button.
- ❖ To remove a single dataset from the Download Queue, select it (using a checkbox) and press the Remove Package button.
- ❖ To remove multiple datasets from the Download Queue, select them using the checkboxes (or select all) and press the Remove Package button.
- ❖ To sort the Download Queue table by the dataset name, use the small triangle next to the Dataset column name.




### ICON KEY

 Notes

 Important

Information

### Things to Note:

-  Screen will update as file(s) are being downloaded. If Download is successful, the Status will be designated as **Completed**.
-  The **Web Start Download Tool** runs locally as a **Java Web Start** application on a user's computer.
-  Requires the Java runtime environment to be installed.

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